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“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 6869-2 (1973): Playground Equipment for Parks, Part II:
Horizontal Bars [PCD 22: Sports Goods]

“ज्ञान से एक नये भारत का निर्माण”

Satyanaaranay Gangaram Pitroda

Invent a New India Using Knowledge



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartṛhari—Nītiśatakam

“Knowledge is such a treasure which cannot be stolen”



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Indian Standard
SPECIFICATION FOR
PLAYGROUND EQUIPMENT FOR PARKS
PART II HORIZONTAL BARS

1. Scope — Specifies the requirements for horizontal bars erected in parks as playground equipment.

2. Materials

2.0 Horizontal bars shall be made from materials conforming to 2 of IS : 6869 (Part I) - 1973 'Specification for playground equipment for parks; Part I General requirements' (*under print*).

2.1 *Steel Bar* — Shall be of wrought steel.

2.2 *Steel Tube* — Shall be of round section.

2.3 *Fittings* — Shall be of steel or malleable cast iron or grey cast iron.

3. Dimensions

3.1 *Height* — The bar shall be made in two heights of 1.6 and 2 m above ground level.

3.2 *Bar* — The maximum length of horizontal bar shall be 2.2 m. The bar shall be of steel having a diameter of 28 ± 0.1 mm.

3.3 *Uprights* — The uprights shall be of steel tubes 60.3 mm outside diameter having a thickness of 4.5 mm. The uprights shall be embedded at least 550 mm in concrete foundation blocks.

3.4 *Sole Plates* — Shall be square shaped with a minimum length of side of 150 mm and shall be not less than 6.30 mm thick.

3.5 *Concrete Blocks* — Each block shall be not less than 450 mm square and not less than 600 mm deep.

4. Construction

4.1 Horizontal bars shall be constructed in accordance with 4 of IS : 6869 (Part I) - 1973.

4.2 When steel tube is used for bars it shall be galvanized or zinc sprayed.

4.3 Uprights shall be formed of steel tubes which shall be painted in accordance with 3.3 of IS : 6869 (Part I) - 1973.

5. Workmanship and Finish — Provisions of 3.1, 3.2 and 3.3 of IS : 6869 (Part I) - 1973 shall apply.

6. Marking — Provisions of 6 of IS : 6869 (Part I) - 1973 shall apply.

6.1 *ISI Certification Marking* — Details available with the Indian Standards Institution, New Delhi 1.

7. Packing — Provisions of 7 of IS : 6869 (Part I) - 1973 shall apply.